

Carlo Erba Reagents S.A.S. Parc d'Affaires des Portes Chaussée du Vexin - BP 616 27106 Val de Reuil Cedex Tél.:02.32.09.20.00 Fax 02.32.09.20.20

Z.I DE VALDONNE - BP 4 13124 PEYPIN Tél.:04.42.32.41.41 Fax 04.42.72.41.62

Carlo Erba Reagents S.r.l. Via R. Merendi, 22 20010 Cornaredo (Mi) Tel. 02 93 991 90 Fax 02 93 991 001

ISO 9001: 2015

## **Technical Specification**

PRODUCT: Hydrochloric acid 34-37% RS - Superpure - For trace analysis at ppb level

CODE : 403910 **MOLECULAR WEIGHT: 36,46** 

CAS N° : 7647-01-0

FORMULA: HCI

TEST	U.M.	SPECIFICATION	
Assay (HCl)	% (w/w)	34 - 37	
Colour	APHA	<= 10	
Bromide	ppm	<= 10	
Free chlorine	ppm	<= 0.5	
Total phosphorus	ppm	<= 0.01	
Total sulphur	ppm	<= 0.3	
Al	ppb	<= 1	
Sb	ppb	<= 0.5	
As	ppb	<= 0.5	
Ва	ppb	<= 0.1	
Be	ppb	<= 0.1	
Bi	ppb	<= 0.1	
В	ppb	<= 1	
Cd	ppb	<= 0.1	
Ca	ppb	<= 1	
at 250 nm	AU		
Cs	ppb	<= 0.1	
Cr	ppb	<= 0.5	
Co	ppb	<= 0.1	
Cu	ppb	<= 0.5	
Dy	ppb	<= 0.1	
Er	ppb	<= 0.1	
Eu	ppb	<= 0.1	
Gd	ppb	<= 0.1	
Ga	ppb	<= 0.1	
Ge	ppb	<= 1	
Au	ppb	<= 0.5	
Hf	ppb	<= 0.0 <= 0.1	
Но	ppb	<= 0.1	
In .	ppb	<= 0.1	
Fe	ppb	<= 1	
La	ppb	<= 0.1	
Pb	ppb	<= 0.1 <= 0.1	
Li	ppb	<= 0.1 <= 0.1	
Lu	ppb	<= 0.1 <= 0.1	
Mg	ppb	<= 0.5	
Mn	ppb	<= 0.1	
Hg	ppb	<= 0.1	
Mo		<= 0.1 <= 0.1	
Nd	ppb	<= 0.1 <= 0.1	
Ni	ppb ppb	<= 0.1 <= 0.5	
Nb		<= 0.5 <= 0.1	
Pd	ppb	<= 0.1 Information only	
Pt	ppb		
	ppb	Information only	
К	ppb	<= 1	

It is under the customer responsibility to make sure the purchased product is suitable for his use and/or application.

CARLO ERBA Reagents would not be guilty of any misuse or mishandling of any of its products, occurring potential damages or user hurts in case of in

Date: 02/04/2024



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E - BP 4 Carlo Erba Reagents S.r.l. Via R. Merendi, 22 41.41 20010 Cornaredo (Mi) 1.62 Tel. 02 93 991 90 Fax 02 93 991 001

ISO 9001: 2015

## **Technical Specification**

EST	U.M.	SPECIFICATION
r	ppb	<= 0.1
le	ppb	<= 0.1
h	ppb	<= 0.1
b	ppb	<= 0.1
tu	ppb	<= 0.1
m	ppb	<= 0.1
c	ppb	<= 0.1
b	ppb	<= 0.5
.g	ppb	<= 1
la	ppb	<= 1
r	ppb	<= 0.1
a	ppb	Information only
e	ppb	<= 0.1
b	ppb	<= 0.1
1	ppb	<= 0.1
h	ppb	<= 0.1
n	ppb	<= 0.1
n	ppb	<= 0.5
	ppb	<= 0.5
•	ppb	<= 0.1
	ppb	<= 0.1
	ppb	<= 0.5
)	ppb	<= 0.1
	ppb	<= 0.1
1	ppb	<= 1
	ppb	<= 0.1
	••	

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